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| <p>62577 C/36 A60E21 F06 G02 FARH 16.02.79 HOECHST AG 16.02.79-DT-905937 (28.08.80) C09b-29/38 C09b-39 *DT 2905-937 Methyl carbostryl azo phenyl acetamido pyrazolone cpds. - used as pigments and dyestuffs, in ink, paint, plastics etc. and used for printing textiles and paper</p> | <p>A(8-E3A2, 8-E4) E(21-C11, 21-C17) F(1-D, 3-F168, 3-G, 5-A6D) G(2-A3A, 2-A4B). 9 3</p> |
| <p>New 1-phenyl-3-acetamido-4-(4-methylcarbostryl-6- or -7-azo)-pyrazolone cpds. are of formula</p> <div data-bbox="812 157 1055 924"> <p style="text-align: center;">(I)</p> </div> <p>(where R¹⁻³ are H, Cl, Br, Me, MeO, EtO, lower carbalkoxy or NO₂ and ≥ 1 of these gps. is H).</p> <p><u>USE/ADVANTAGES</u> (I) are used as pigments and for dyeing and printing high-mol. organic cpds. They are useful in printing inks, paints, rubbers, plastics and natural and synthetic resins, for</p> | <p><u>PREFERRED</u> In (I), R¹ is H or Cl, R² is H, Cl or MeO and R³ is H or Me; R¹ and R³ are H and R² is H, Cl, Me or MeO, esp. Cl in the 6- or 7-position; or R¹ is Cl, R² is H, R³ is Me and the azo gp. is in the 6-position.</p> <p><u>PREPARATION</u> (I) are prepd. by diazotising 4-methyl-6- or -7-amino-carbostryls and coupling with 1-phenyl-3-acetamido-pyrazol-5-one.</p> <p><u>EXAMPLE</u> 20.9 g 4-methyl-6-amino-7-chloro-carbostryl were diazotised in acid aq. suspension and coupled with 22.8 g 1-phenyl-3-acetamido-pyrazol-5-one. (I) (in which R¹ and R³ are H, R² is 7-Cl and the azo gp. is in the 6-position) was obtd. When incorporated in PVC, it gave yellow-orange shades with very good lightfastness and satisfactory migration fastness. (15pp016). DT2905937</p> |